## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 ultrasonic adj3 feel \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L2	17247	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L3	21	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultarsonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L4	59	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultrasonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L5	110	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR OR	ON	2009/08/31 02:32
L6	24	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (receiver or transducer) near5 feeler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32

L7	43661	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) near5 (receiver or feeler)	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L8	147	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L9	69	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L10	279	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L11	5900	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L12	3	L5 and L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32

L13	2	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body) same inverse adj3 extrapolation	US-PCPUB; USPAT; USOOR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L14	4	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse adj3 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L15	7	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse near5 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L16	3	(ultrasonic or ultrasound) adj3 receiv\$4 same inverse near5 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L17	2	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item) same inverse adj3 extrapolat\$4	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L18	1	10/586290	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L19	4	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 ultrasonic adj3 feel \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32

L20	17247	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L21	21	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultarsonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L22	59	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultrasonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L23	110	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sonic\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item)	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L24	0	(acoustic\$4 or ultrasonic\$4 or sonic\$4 or sonic\$4 or sonic\$4 or sound \$3) same (receiver or transducer) near5 (two or more or plural) near3 feeler	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L25	24	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (receiver or transducer) near5 feeler	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L26	43661	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) near5 (receiver or feeler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32

L27	147	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2009/08/31 02:32
L28	69	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L29	279	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L30	5900	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L31	3	L23 and L30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L32	2	(acoustic or ultrasonic or ultrasonic or outrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body) same inverse adj3 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32

L33	4	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse adj3 extrapolation	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L34	7	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse near5 extrapolation	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L35	3	(ultrasonic or ultrasound) adj3 receiv\$4 same inverse near5 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L36	2	(acoustic\$4 or ultrasonic\$4 or ultrasonic\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item) same inverse adj3 extrapolat\$4	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L37	1	10/586290	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L38	2	"55880 <b>32</b> ".pn.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:32
L39	45	("5588032").URPN.	USPAT	OR	ON	2009/08/31 02:32
S1	4	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 ultrasonic adj3 feel \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 20:38

\$2	17244	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 20:38
S3	21	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultarsonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 20:39
S4	59	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultrasonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 20:42
<b>S</b> 5	110	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 20:58
S7	24	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (receiver or transducer) near5 feeler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 20:59
S8	43655	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) near5 (receiver or feeler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:00
<b>S</b> 9	147	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:01

S10	69	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:02
S11	279	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:02
S12	5899	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:02
S13	3	S5 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:03
S15	2	(acoustic or ultrasonic or ultrasonic or ultrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body) same inverse adj3 extrapolation	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:03
S16	4	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse adj3 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:04

S17	7	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse near5 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:08
S20	3	(ultrasonic or ultrasound) adj3 receiv\$4 same inverse near5 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:11
S22	2	(acoustic\$4 or ultrasonic\$4 or ultrasonic\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item) same inverse adj3 extrapolat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:14
S25	1	10/586290	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 21:26
S26	4	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 ultrasonic adj3 feel \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
<b>S</b> 27	17247	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S28	21	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultarsonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47

S29	59	(acoustic or ultrasonic or ultrasound or sonic or sound) same (ultrasonic or ultrasound) adj3 feel\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S30	110	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item)	US-PCPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S31	O	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (receiver or transducer) near5 (two or more or plural) near3 feeler	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S32	24	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) same (receiver or transducer) near5 feeler	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S33	43661	(acoustic\$4 or ultrasonic\$4 or ultrasound\$4 or sonic\$4 or sound \$3) near5 (receiver or feeler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S34	147	(acoustic or ultrasonic or ultrasound or sonic or sound) same feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47

S35	69	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 near5 (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S36	279	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 feel \$4 same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S37	5900	(acoustic or ultrasonic or ultrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
<b>S3</b> 8	3	S30 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
\$39	2	(acoustic or ultrasonic or ultrasonic or outrasound or sonic or sound) near5 (receiver or feel\$4) same (pipe or tube or vessel or tank or human adj3 body) same inverse adj3 extrapolation	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S40	4	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse adj3 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47

S41	7	(acoustic or ultrasonic or ultrasound or sonic or sound) same inverse near5 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S42	3	(ultrasonic or ultrasound) adj3 receiv\$4 same inverse near5 extrapolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S43	2	(acoustic\$4 or ultrasonic\$4 or ultrasonic\$4 or sonic\$4 or sound \$3) same (interior or inside or inner) near5 material near5 (object or workpiece or item) same inverse adj3 extrapolat\$4	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S44	1	10/586290	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 01:47
S45	2	"5588032".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/31 02:08
S46	45	("5588032").URPN.	USPAT	OR	ON	2009/08/31 02:08

## EAST Search History (Interference)

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## 8/31/2009 2:33:55 AM

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